

# **Sexually Transmitted Disease in Wisconsin**

## **2004**

**Cases reported among persons  
15-19 years of age**



***Wisconsin STD Program***

## Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "all STDs" refers specifically to reported cases of chlamydia, gonorrhea, syphilis, and primary genital Herpes simplex virus (HSV) infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
4. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
5. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
6. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
7. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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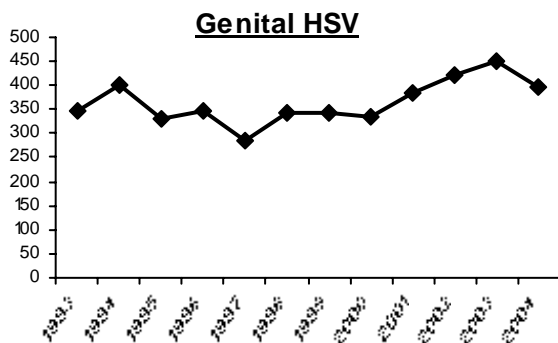
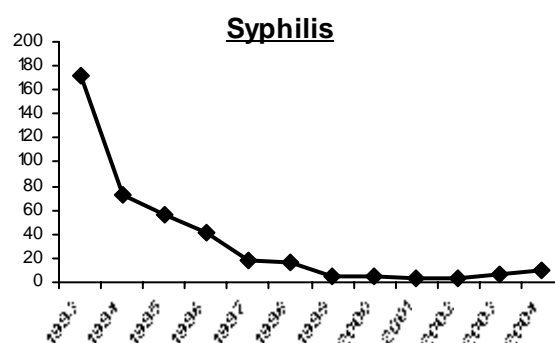
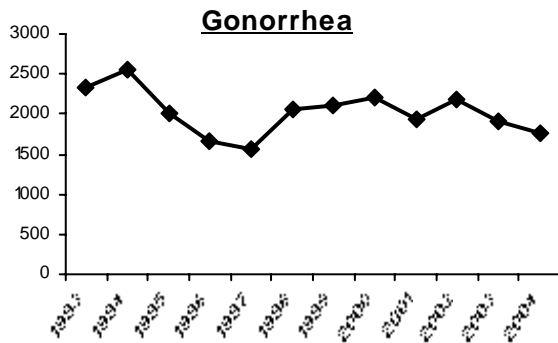
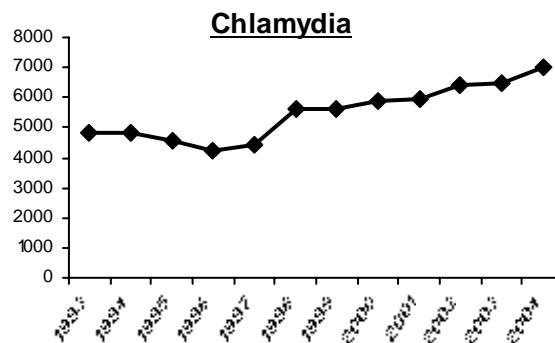
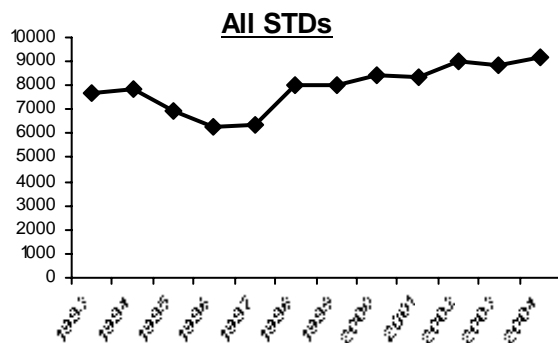
**Table 1. Reported cases of sexually transmitted disease**  
**Cases reported in Wisconsin\* among persons 15-19 years of age**  
**Year: 2004**

	<u>All STDs</u>		<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>		<u>Genital HSV</u>	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
<b>Total</b>	9195	100.0%	7028	100.0%	1759	100.0%	10	100.0%	398	100.0%
<b>Sex</b>										
Male	2077	22.6%	1484	21.1%	544	30.9%	7	70.0%	42	10.6%
Female	7108	77.3%	5539	78.8%	1210	68.8%	3	30.0%	356	89.4%
Unknown	10	0.1%	5	0.1%	5	0.3%	0	0.0%	0	0.0%
<b>Race</b>										
White	2572	28.0%	2096	29.8%	261	14.8%	6	60.0%	209	52.5%
Black	4009	43.6%	2907	41.4%	1043	59.3%	4	40.0%	55	13.8%
Am. Indian	147	1.6%	121	1.7%	21	1.2%	0	0.0%	5	1.3%
Asian/Pacific Is.	97	1.1%	87	1.2%	8	0.5%	0	0.0%	2	0.5%
Other	131	1.4%	115	1.6%	13	0.7%	0	0.0%	3	0.8%
Unknown	2239	24.4%	1702	24.2%	413	23.5%	0	0.0%	124	31.2%
<b>Hispanic ethnicity</b>										
Hispanic	341	3.7%	293	4.2%	37	2.1%	2	20.0%	9	2.3%
Non Hispanic	6115	66.5%	4670	66.4%	1197	68.1%	8	80.0%	240	60.3%
Unknown	2739	29.8%	2065	29.4%	525	29.8%	0	0.0%	149	37.4%
<b>Age group</b>										
15-19	9195	100.0%	7028	100.0%	1759	100.0%	10	100.0%	398	100.0%
<b>Region of residence</b>										
Northeastern	1007	11.0%	776	11.0%	150	8.5%	0	0.0%	81	20.4%
Northern	267	2.9%	221	3.1%	22	1.3%	0	0.0%	24	6.0%
Southeastern	6180	67.2%	4639	66.0%	1355	77.0%	7	70.0%	179	45.0%
Southern	1168	12.7%	915	13.0%	186	10.6%	2	20.0%	65	16.3%
Western	558	6.1%	466	6.6%	42	2.4%	1	10.0%	49	12.3%
Unknown*	15	0.2%	11	0.2%	4	0.2%	0	0.0%	0	0.0%

\* Includes 9 cases reported among residents of other states, and 6 Wisconsin cases reported without a county specified.

**Table 2. Reported cases of sexually transmitted disease by year**  
**Cases reported in Wisconsin\* among persons 15-19 years of age**

Year	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	7,659	4,799	2,342	172	346
1994	7,872	4,845	2,556	72	399
1995	6,947	4,549	2,012	56	330
1996	6,271	4,222	1,662	41	346
1997	6,331	4,460	1,566	19	286
1998	8,031	5,626	2,047	16	342
1999	8,046	5,600	2,100	5	341
2000	8,416	5,878	2,198	5	335
2001	8,311	5,979	1,942	4	386
2002	9,047	6,437	2,187	3	420
2003	8,848	6,496	1,897	6	449
2004	9,195	7,028	1,759	10	398
<b>Total</b>	<b>94,974</b>	<b>65,919</b>	<b>24,268</b>	<b>409</b>	<b>4,378</b>



**Table 3. Reported cases of sexually transmitted disease by DHFS region and county**  
**Cases reported in Wisconsin\* among persons 15-19 years of age**

**Year: 2004**

Region/County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Northeastern Region</b>	<b>1007</b>	<b>11.0%</b>	<b>1,150</b>	<b>776</b>	<b>11.1%</b>	<b>886</b>	<b>150</b>	<b>8.5%</b>	<b>171</b>	<b>0</b>	<b>0.0%</b>	<b>**</b>	<b>81</b>	<b>20.4%</b>	<b>93</b>
Brown	342	3.7%	1,992	260	3.7%	1,514	69	3.9%	402	0	0.0%	**	13	3.3%	76
Calumet	15	0.2%	456	13	0.2%	396	2	0.1%	**	0	0.0%	**	0	0.0%	**
Door	17	0.2%	942	14	0.2%	776	1	0.1%	**	0	0.0%	**	2	0.5%	**
Fond Du Lac	75	0.8%	1,025	53	0.8%	725	14	0.8%	191	0	0.0%	**	8	2.0%	109
Green Lake	12	0.1%	912	11	0.2%	836	0	0.0%	**	0	0.0%	**	1	0.3%	**
Kewaunee	4	0.0%	**	2	0.0%	**	0	0.0%	**	0	0.0%	**	2	0.5%	**
Manitowoc	39	0.4%	637	34	0.5%	556	2	0.1%	**	0	0.0%	**	3	0.8%	**
Marinette	26	0.3%	815	18	0.3%	564	3	0.2%	**	0	0.0%	**	5	1.3%	157
Marquette	2	0.0%	**	2	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Menominee	29	0.3%	6,546	27	0.4%	6,095	1	0.1%	**	0	0.0%	**	1	0.3%	**
Oconto	30	0.3%	1,079	22	0.3%	791	4	0.2%	**	0	0.0%	**	4	1.0%	**
Outagamie	111	1.2%	872	88	1.3%	692	17	1.0%	134	0	0.0%	**	6	1.5%	47
Shawano	46	0.5%	1,532	39	0.6%	1,299	2	0.1%	**	0	0.0%	**	5	1.3%	167
Sheboygan	89	1.0%	1,095	67	1.0%	825	9	0.5%	111	0	0.0%	**	13	3.3%	160
Waupaca	37	0.4%	970	33	0.5%	865	2	0.1%	**	0	0.0%	**	2	0.5%	**
Waushara	16	0.2%	916	13	0.2%	744	0	0.0%	**	0	0.0%	**	3	0.8%	**
Winnebago	117	1.3%	963	80	1.1%	659	24	1.4%	198	0	0.0%	**	13	3.3%	107
<b>Northern Region</b>	<b>267</b>	<b>2.9%</b>	<b>725</b>	<b>221</b>	<b>3.1%</b>	<b>600</b>	<b>22</b>	<b>1.3%</b>	<b>60</b>	<b>0</b>	<b>0.0%</b>	<b>**</b>	<b>24</b>	<b>6.0%</b>	<b>65</b>
Ashland	8	0.1%	607	5	0.1%	379	1	0.1%	**	0	0.0%	**	2	0.5%	**
Bayfield	0	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Florence	0	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Forest	20	0.2%	2,509	19	0.3%	2,384	1	0.1%	**	0	0.0%	**	0	0.0%	**
Iron	3	0.0%	**	2	0.0%	**	0	0.0%	**	0	0.0%	**	1	0.3%	**
Langlade	11	0.1%	726	8	0.1%	528	3	0.2%	**	0	0.0%	**	0	0.0%	**
Lincoln	12	0.1%	543	11	0.2%	498	1	0.1%	**	0	0.0%	**	0	0.0%	**
Marathon	90	1.0%	924	72	1.0%	739	8	0.5%	82	0	0.0%	**	10	2.5%	103
Oneida	14	0.2%	568	13	0.2%	528	0	0.0%	**	0	0.0%	**	1	0.3%	**
Portage	33	0.4%	517	25	0.4%	392	4	0.2%	**	0	0.0%	**	4	1.0%	**
Price	4	0.0%	**	3	0.0%	**	0	0.0%	**	0	0.0%	**	1	0.3%	**

Region/County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Sawyer	18	0.2%	1,531	13	0.2%	1,105	3	0.2%	**	0	0.0%	**	2	0.5%	**
Taylor	2	0.0%	**	2	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Vilas	14	0.2%	1,051	13	0.2%	976	0	0.0%	**	0	0.0%	**	1	0.3%	**
Wood	38	0.4%	699	35	0.5%	644	1	0.1%	**	0	0.0%	**	2	0.5%	**
<b>Southeastern Region</b>	<b>6180</b>	<b>67.3%</b>	<b>4,181</b>	<b>4639</b>	<b>66.1%</b>	<b>3,138</b>	<b>1355</b>	<b>77.2%</b>	<b>917</b>	<b>7</b>	<b>70.0%</b>	<b>5</b>	<b>179</b>	<b>45.0%</b>	<b>121</b>
Jefferson	60	0.7%	984	51	0.7%	836	3	0.2%	**	0	0.0%	**	6	1.5%	98
Kenosha	288	3.1%	2,434	237	3.4%	2,003	38	2.2%	321	0	0.0%	**	13	3.3%	110
Milwaukee	5153	56.1%	7,747	3814	54.4%	5,734	1225	69.8%	1,842	7	70.0%	11	107	26.9%	161
Ozaukee	27	0.3%	413	18	0.3%	276	6	0.3%	92	0	0.0%	**	3	0.8%	**
Racine	392	4.3%	2,799	313	4.5%	2,235	65	3.7%	464	0	0.0%	**	14	3.5%	100
Walworth	58	0.6%	826	53	0.8%	755	0	0.0%	**	0	0.0%	**	5	1.3%	71
Washington	47	0.5%	542	36	0.5%	415	1	0.1%	**	0	0.0%	**	10	2.5%	115
Waukesha	155	1.7%	571	117	1.7%	431	17	1.0%	63	0	0.0%	**	21	5.3%	77
<b>Southern Region</b>	<b>1168</b>	<b>12.7%</b>	<b>1,522</b>	<b>915</b>	<b>13.0%</b>	<b>1,192</b>	<b>186</b>	<b>10.6%</b>	<b>242</b>	<b>2</b>	<b>20.0%</b>	<b>**</b>	<b>65</b>	<b>16.3%</b>	<b>85</b>
Adams	9	0.1%	811	8	0.1%	721	0	0.0%	**	0	0.0%	**	1	0.3%	**
Columbia	48	0.5%	1,263	41	0.6%	1,079	5	0.3%	132	0	0.0%	**	2	0.5%	**
Crawford	14	0.2%	1,029	14	0.2%	1,029	0	0.0%	**	0	0.0%	**	0	0.0%	**
Dane	562	6.1%	1,706	417	5.9%	1,266	120	6.8%	364	0	0.0%	**	25	6.3%	76
Dodge	115	1.3%	1,829	102	1.5%	1,623	9	0.5%	143	0	0.0%	**	4	1.0%	**
Grant	19	0.2%	388	14	0.2%	286	2	0.1%	**	0	0.0%	**	3	0.8%	**
Green	15	0.2%	600	13	0.2%	520	2	0.1%	**	0	0.0%	**	0	0.0%	**
Iowa	16	0.2%	936	13	0.2%	761	1	0.1%	**	0	0.0%	**	2	0.5%	**
Juneau	23	0.3%	1,267	21	0.3%	1,157	1	0.1%	**	0	0.0%	**	1	0.3%	**
Lafayette	7	0.1%	550	6	0.1%	472	1	0.1%	**	0	0.0%	**	0	0.0%	**
Richland	8	0.1%	563	7	0.1%	493	0	0.0%	**	0	0.0%	**	1	0.3%	**
Rock	256	2.8%	2,283	196	2.8%	1,748	39	2.2%	348	2	20.0%	**	19	4.8%	169
Sauk	47	0.5%	1,122	41	0.6%	979	2	0.1%	**	0	0.0%	**	4	1.0%	**
Vernon	29	0.3%	1,293	22	0.3%	981	4	0.2%	**	0	0.0%	**	3	0.8%	**
<b>Western Region</b>	<b>558</b>	<b>6.1%</b>	<b>929</b>	<b>466</b>	<b>6.6%</b>	<b>776</b>	<b>42</b>	<b>2.4%</b>	<b>70</b>	<b>1</b>	<b>10.0%</b>	<b>**</b>	<b>49</b>	<b>12.3%</b>	<b>82</b>
Barron	24	0.3%	697	23	0.3%	668	0	0.0%	**	0	0.0%	**	1	0.3%	**
Buffalo	12	0.1%	1,235	12	0.2%	1,235	0	0.0%	**	0	0.0%	**	0	0.0%	**
Burnett	9	0.1%	854	8	0.1%	759	1	0.1%	**	0	0.0%	**	0	0.0%	**
Chippewa	31	0.3%	698	24	0.3%	540	3	0.2%	**	0	0.0%	**	4	1.0%	**
Clark	17	0.2%	598	17	0.2%	598	0	0.0%	**	0	0.0%	**	0	0.0%	**
Douglas	26	0.3%	857	23	0.3%	758	1	0.1%	**	0	0.0%	**	2	0.5%	**

Wisconsin STD Program data

Region/County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Dunn	30	0.3%	720	28	0.4%	672	0	0.0%	**	0	0.0%	**	2	0.5%	**
Eau Claire	107	1.2%	1,219	85	1.2%	969	9	0.5%	103	0	0.0%	**	13	3.3%	148
Jackson	13	0.1%	950	7	0.1%	512	1	0.1%	**	0	0.0%	**	5	1.3%	365
La Crosse	151	1.6%	1,586	119	1.7%	1,250	20	1.1%	210	0	0.0%	**	12	3.0%	126
Monroe	34	0.4%	1,019	29	0.4%	870	2	0.1%	**	0	0.0%	**	3	0.8%	**
Pepin	4	0.0%	**	4	0.1%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Pierce	15	0.2%	394	15	0.2%	394	0	0.0%	**	0	0.0%	**	0	0.0%	**
Polk	32	0.3%	999	27	0.4%	843	3	0.2%	**	0	0.0%	**	2	0.5%	**
Rusk	9	0.1%	802	9	0.1%	802	0	0.0%	**	0	0.0%	**	0	0.0%	**
St Croix	21	0.2%	393	15	0.2%	281	2	0.1%	**	0	0.0%	**	4	1.0%	**
Trempealeau	20	0.2%	1,050	18	0.3%	945	0	0.0%	**	1	10.0%	**	1	0.3%	**
Washburn	3	0.0%	**	3	0.0%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
<b>Total</b>	<b>9180</b>	<b>100.0%</b>	<b>2,244</b>	<b>7017</b>	<b>100.0%</b>	<b>1,715</b>	<b>1755</b>	<b>100.0%</b>	<b>429</b>	<b>10</b>	<b>100.0%</b>	<b>2</b>	<b>398</b>	<b>100.0%</b>	<b>97</b>

\* Excludes 9 cases reported among residents of other states, and 6 Wisconsin cases reported without a county specified.

\*\* Cases per 100,000 population. Rate not calculated for categories with less than 5 cases.

**Table 4. Reported sexually transmitted disease, reported rates\* and imputed rates\*\* by race**  
**Cases reported in Wisconsin\* among persons 15-19 years of age**  
**Year: 2004**

	Cases per 100,000 population***				
	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
White	718 - 890	585 - 722	72 - 87	1 - 1	58 - 79
Black	11826 - 16222	8575 - 11850	3076 - 4079	** - *	162 - 280
Am. Indian	2663 - 3170	2192 - 2627	380 - 452	** - *	90 - 90
Asian/Pacific Is.	838 - 1054	751 - 941	69 - 86	** - *	** - *

\* The reported rate is the number reported cases with specified race per 100,000 population. Because some cases are reported with unspecified race, the reported rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

\*\* The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

\*\*\* Rate not calculated for categories with less than 5 cases.